## **Author Index**

Ackefors, H. (Stockholm, Sweden), Castell, J.D., Boston, L.D. (Halifax, N.S., Canada),
Räty, P. and Svensson, M. (Stockholm, Sweden)
Standard experimental diets for crustacean nutrition research. II. Growth and survival
of juvenile crayfish Astacus astacus (Linné) fed diets containing various amounts of
protein, carbohydrate and lipid
Alexis, M.N., see Kalogeropoulos, N. et al.
Bacon, J.R., see Gempesaw II, C.M. et al.
Beck, J.C., see Trummel, D.E. et al.
Benitez, L.V., see Borlongan, I.G. and Benitez, L.V.
Berge, J.A., see Nygaard, K. et al.
Bjerknes, V. (Bergen, Norway), Duston, J., Knox, D. and Harmon, P. (St. Andrews, N.B.,
Canada)
Importance of body size for acclimation of underyearling Atlantic salmon parr (Salmo
salar L.) to seawater357
Borlongan, I.G. and Benitez, L.V. (Iloilo City, Philippines)
Lipid and fatty acid composition of milkfish (Chanos chanos Forsskal) grown in
freshwater and seawater
Boston, L.D., see Ackefors, H. et al.
Cai, Y. and Summerfelt, R.C. (Ames, IA, USA)
Effects of temperature and size on oxygen consumption and ammonia excretion by
walleye
Carral, J.M., Celada, J.D., González, J., Gaudioso, V.R. (Léon, Spain), Fernández, R.
and López-Baissón, C. (Soria, Spain)
Artificial incubation of crayfish eggs (Pacifastacus leniusculus Dana) from early stages
of embryonic development
Castell, J.D., see Ackefors, H. et al.
Celada, J.D., see Carral, J.M. et al.
Cerenius, L., see Rantamäki, J. et al.
Chen, JC. and Kou, YZ. (Keelung, Taiwan)
Effects of ammonia on growth and molting of Penaeus japonicus juveniles249
Chien, YH., see Ray, WM. and Chien, YH.
Cloud, J.G., see Trummel, D.E. et al.
Crim, L.W., see Harmin, S.A. and Crim. L.W.
De Groot, S.J. (IJmuiden, Netherlands)
Book review of Culture of Salmonid Fishes by R.R. Stickney (Editor)
Den Hartog, C. (Nijmegen, Netherlands)
Book review of <i>Phosphorus in Freshwater Ecosystems</i> by G. Persson and M. Jansson
(Editors)
Duston, J., see Bjerknes, V. et al.
Eding, E.H., see Komen, J. et al.
Edwards, P., see Hassan, M.S. and Edwards, P.
Ellis, S.C., see Reigh, R.C. and Ellis, S.C.
Flyingson P see Sylvén S and Flyingson P

Farbridge, K.J., Flett, P.A. and Leatherland, J.F. (Guelph, Ont., Canada)  Temporal effects of restricted diet and compensatory increased dietary intake on thyroid function, plasma growth hormone levels and tissue lipid reserves of rainbow trout Oncorhynchus mykiss	7
	,
Fernández, R., see Carral, J.M. et al.	
Fevolden, S.E., Refstie, T. (Sunndalsøra, Norway) and Røed, K.H. (Oslo, Norway)	
Disease resistance in rainbow trout (Oncorhynchus mykiss) selected for stress	0
response	9
Fitt, W.K. (Athens, GA, USA), Heslinga, G.A. and Watson, T.C. (Koror, Palau)	•
Use of antibiotics in the mariculture of giant clams (F. Tridacnidae)	1
Flett, P.A., see Farbridge, K.J. et al.	
Fulcher, K.D., see Trummel, D.E. et al.	
Gall, G.A.E., see Ibarra, A.M. et al.	
Gatlin III, D.M., see Keembiyehetty, C.N. and Gatlin III, D.M.	
Gaudioso, V.R., see Carral, J.M. et al.	
Gempesaw II, C.M., Wirth III, F.F. and Bacon, J.R. (Newark, DE, USA)	
A financial analysis of integration in aquaculture production: the case of hybrid striped	•
bass	3
González, J., see Carral, J.M. et al.	
Hardy, R.W., see Smith, B.E. et al.	
Harmin, S.A. and Crim, L.W. (St. John's, Nfld., Canada)	
Gonadotropic hormone-releasing hormone analog (GnRH-A) induced ovulation and	_
spawning in female winter flounder, Pseudopleuronectes americanus (Walbaum) 37:	)
Harmon, P., see Bjerknes, V. et al.	
Hassan, M.S. and Edwards, P. (Bangkok, Thailand)	
Evaluation of duckweed (Lemna perpusilla and Spirodela polyrrhiza) as feed for Nile	
tilapia (Oreochromis niloticus)	)
Hedrick, R.P., see Ibarra, A.M. et al.	
Hektoen, H., see Nygaard, K. et al.	
Held, J.A., see Malison, J.A. and Held, J.A.	
Henderson, R.J., see Kalogeropoulos, N. et al.	
Heslinga, G.A., see Fitt, W.K. et al.	
Hormazabal, V., see Nygaard, K. et al.	
Ibarra, A.M., Hedrick, R.P. and Gall, G.A.E. (Davis, CA, USA)	
Inheritance of susceptibility to Ceratomyxa shasta (Myxozoa) in rainbow trout and	
the effect of length of exposure on the liability to develop ceratomyxosis	
Jeney, G. (Szarvas, Hungary), Nemcsók, J. (Szeged, Hungary), Jeney, Zs. and Oláh, J.	
(Szarvas, Hungary)	
Acute effect of sublethal ammonia concentrations on common carp (Cyprinus carpio	
L.). II. Effect of ammonia on blood plasma transaminases (GOT, GPT), GlDH	
enzyme activity, and ATP value	
Jeney, G., see also Jeney, Zs. et al.	
Jeney, Zs. (Szarvas, Hungary), Nemcsók, J. (Szeged, Hungary), Jeney, G. and Oláh, J.	
(Szarvas, Hungary)	
Acute effect of sublethal ammonia concentrations on common carp (Cyprinus carpio	
L.). I. Effect of ammonia on adrenaline and noradrenaline levels in different	
organs	
Jeney, Zs., see also Jeney, G. et al.	
Kalogeropoulos, N., Alexis, M.N. (Athens, Greece) and Henderson, R.J. (Stirling, UK)	
Effects of dietary soybean and cod-liver oil levels on growth and body composition of	
gilthead bream (Sparus aurata) 293	

Variable CN and Codin III D.M. (Colland Station TV, USA)	
Keembiyehetty, C.N. and Gatlin III, D.M. (College Station, TX, USA)	
Dietary lysine requirement of juvenile hybrid striped bass (Morone chrysops $\times M$ .	
saxatilis)	2/1
Kelley, C.D., see Lee, CS. et al.	
Kestemont, P. (Namur, Belgium) and Stalmans, J.M. (Gembloux, Belgium) Initial feeding of European minnow larvae, <i>Phoxinus phoxinus</i> L. 1. Influence of diet	
and feeding level	227
Kissil, G.Wm., see Koven, W.M. et al.	121
Knox, D., see Bjerknes, V. et al.	
Komen, J., Wiegertjes, G.F., Van Ginneken, V.J.T., Eding, E.H. and Richter, C.J.J.	
(Wageningen, Netherlands)	
Gynogenesis in common carp ( <i>Cyprinus carpio</i> L.). III. The effects of inbreeding on	
gonadal development of heterozygous and homozygous gynogenetic offspring	51
Kou, YZ, see Chen, JC. and Kou, YZ.	31
Koven, W.M., Tandler, A., Kissil, G.Wm. (Eilat, Israel) and Sklan, D. (Rehovot, Israel)	
The importance of <i>n</i> -3 highly unsaturated fatty acids for growth in larval <i>Sparus aurata</i>	
	91
Leatherland, J.F., see Farbridge, K.J. et al.	,,
Lee, CS., Tamaru, C.S., Kelley, C.D., Miyamoto, G.T. and Moriwake, A.M. (Honolulu,	
HI, USA)	
The minimum effective dosage of $17\alpha$ -methyltestosterone for induction of testicular	
maturation in the striped mullet, Mugil cephalus L.	83
López-Baissón, C., see Carral, J.M. et al.	0.0
Lunestad, B.T., see Nygaard, K. et al.	
Malison, J.A. and Held, J.A. (Madison, WI, USA)	
Effects of fish size at harvest, initial stocking density and tank lighting conditions on	
the habituation of pond-reared yellow perch (Perca flavescens) to intensive culture	
conditions	67
Miyamoto, G.T., see Lee, CS. et al.	
Moriwake, A.M., see Lee, CS. et al.	
Nemcsók, J., see Jeney, G. et al.; Jeney, Zs. et al.	
Nygaard, K. (Oslo, Norway), Lunestad, B.T. (Bergen, Norway), Hektoen, H., Berge, J.A.	
and Hormazabal, V. (Oslo, Norway)	
Resistance to oxytetracycline, oxolinic acid and furazolidone in bacteria from marine	
sediments	31
Oláh, J., see Jeney, G. et al.; Jeney, Zs. et al.	
Rantamäki, J., Cerenius, L. and Söderhäll, K. (Uppsala, Sweden)	
Prevention of transmission of the crayfish plague fungus (Aphanomyces astaci) to the	
freshwater crayfish Astacus astacus by treatment with MgCl <sub>2</sub>	11
Räty, P., see Ackefors, H. et al.	
Ray, WM. and Chien, YH. (Keelung, Taiwan)	
Effects of stocking density and aged sediment on tiger prawn, Penaeus monodon,	
nursery system	31
Refstie, T., see Fevolden, S.E. et al.	
Reigh, R.C. and Ellis, S.C. (Baton Rouge, LA, USA)	
Effects of dietary soybean and fish-protein ratios on growth and body composition of	
red drum (Sciaenops ocellatus) fed isonitrogenous diets	/9
Richter, C.J.J., see Komen, J. et al.	
Røed, K.H., see Fevolden, S.E. et al.	
Sasser, E.W. and Singhas, C.A. (Greenville, NC, USA)	. 7
Presence of an estriol-like steroid in the blue crab, Callinectes sapidus	)/

Singhas, C.A., see Sasser, E.W. and Singhas, C.A.
Sklan, D., see Koven, W.M. et al.
Smith, B.E., Hardy, R.W. (Seattle, WA, USA) and Torrissen, O.J. (Matredal, Norway)
Synthetic astaxanthin deposition in pan-size coho salmon (Oncorhynchus kisutch) 105
Söderhäll, K., see Rantamäki, J. et al.
Soliman, A.K. and Wilson, R.P. (Mississippi State, MS, USA)
Water-soluble vitamin requirements of tilapia. 1. Pantothenic acid requirement of blue
tilapia, Oreochromis aureus
Water-soluble vitamin requirements of tilapia. 2. Riboflavin requirement of blue
tilapia, Oreochromis aureus
Stalmans, J.M., see Kestemont, P. and Stalmans, J.M.
Summerfelt, R.C., see Cai, Y. and Summerfelt, R.C.
Svensson, M., see Ackefors, H. et al.
Sylvén, S. and Elvingson, P. (Uppsala, Sweden)
Comparison of rainbow trout (Oncorhynchus mykiss) strains for body weight, length
and age at maturity in different Swedish production systems
Tamaru, C.S., see Lee, CS. et al.
Tandler, A., see Koven, W.M. et al.
Torrissen, O.J., see Smith, B.E. et al.
Trummel, D.E., Fulcher, K.D., Beck, J.C. and Cloud, J.G. (Moscow, ID, USA)
Fertility of rainbow trout males relative to differences in the proportion of sperm that
binds to a specific antibody
Van Ginneken, V.J.T., see Komen, J. et al.
Watson, T.C., see Fitt, W.K. et al.
Wiegertjes, G.F., see Komen, J. et al.
Wilson, R.P., see Soliman, A.K. and Wilson, R.P.
Wirth III, F.F., see Gempesaw II, C.M. et al.
Wohlfarth, G.W. (Hof Hacarmel, Israel)
Book review of Comprehensive Genetic Study on Chinese Carps by S. Li, J. Wang, Q.
Chou and Y. Cheng

